abamectin mechanism of action **154:** 11-34
abortion **153:** 239-44 (E)
  chlamydial **153:** 249-51 (E)
  herpesviral **153:** 253-68
  listeric **153:** 9-29
  sheep **153:** 307-10
aerosol therapy in equines **154:** 189-202
AIDS epidemiology **153:** 7-8 (E)
airway responses of horses with COPD by dry powder inhalation of ipratropium bromide **154:** 149-53
albendazole mechanism of action **154:** 11-34
aldosterone plasma levels in cats **154:** 235-42
alimentary canal tumours, viral proteins of bovine papillomavirus type 4 in **154:** 69-78
anaesthetic use in castration in lambs **153:** 205-13
analgesic effect on behavioural and cortisol response in lambs to tail docking **153:** 87-97
anthelmintic drugs mechanism of action **154:** 1-3 (E), **154:** 11-34, **154:** 169
anthrax detection by PCR **153:** 287-305
arteritis detection by PCR **153:** 287-305
arthritis encephalitis detection by PCR **153:** 287-305
auditory tube diverticulum anatomy **153:** 311-19

bacteria detection by PCR **153:** 287-305
badgers and TB **153:** 117-18 (E), **153:** 149-62
behavioural response to tail docking in lambs, analgesic effect on **153:** 87-97
benzimidazoles mechanism of action **154:** 11-34
beta-adrenoceptor concentrations in veal calves, clenbuterol effect on **153:** 63-70
betatubulin binding **154:** 11-34
bile, chelating agent effect on metal excretion in sheep **153:** 171-8
blood lymphocytes, effect of Burdizzo castration in calves **153:** 229-31
bluetongue detection by PCR **153:** 287-305
Borrelia spp. detection by PCR **153:** 287-305
bovine see cattle
brain, clenbuterol effect on beta-adrenoceptor concentrations in veal calves **153:** 63-70
brainstem auditory evoked potentials, equine **153:** 107-13
bronchi, clenbuterol effect on beta-adrenoceptor concentrations in veal calves **153:** 63-70
brotianide mechanism of action **154:** 11-34
Brucella spp. detection by PCR **153:** 287-305
buphenium mechanism of action **154:** 11-34
bupivacaine effect on behavioural and cortisol response to tail docking in lambs **153:** 87-97
Burdizzo castration
  in calves, effect on peripheral blood lymphocytes **153:** 229-31
  in lambs **153:** 205-13
butamisole mechanism of action **154:** 11-34

caesarian section, role of extradural xylazine in ovine dystocia **154:** 63-67
calcium permeability, mechanism of action of praziquantel on **154:** 11-34
calf see cattle
cambendazole mechanism of action **154:** 11-34
camel, age of male puberty **154:** 79-83
cancer, bovine papillomavirus and **154:** 171-2, **154:** 175-88
canine see dog
caprine see goat
castration, pain reduction in lambs **153:** 205-13
cat
  aldosterone plasma levels in **154:** 235-42
  herpesvirus **153:** 253-68
  infectious peritonitis virus detection by PCR **153:** 287-305
  pathophysiology and management of renal disease **154:** 93-109
cattle
  bovine papillomavirus and cancer **154:** 171-2, **154:** 175-88
  cervico-thoracic vertebral osteomyelitis in 14 calves **154:** 227-36
  claw lesions in dairy cattle **154:** 215-26
  clenbuterol effect on beta-adrenoceptor concentrations in veal calves **153:** 63-70
  costs of production diseases in dairy herds **154:** 9 (E) **154:** 41-51
  dietary zinc proteinate effect on mastitis in cows **153:** 197-204
  dimensions and weight of Belgian Blue and Crossbred calves **153:** 225-8
  dystocia **153:** 123-4 (E)
  effect of Burdizzo castration in calves on peripheral blood lymphocytes **153:** 229-31
  endotoxaemia in dairy herd **153:** 321-7
  glutamine oral rehydration for calf diarrhoea **153:** 163-70
  grazing behaviour, farm management practice and TB transmission 149-62
  herpesvirus-1 virus detection by PCR **153:** 287-305
  herpesvirus **153:** 253-68
  immunodeficiency virus detection by PCR **153:** 287-305
  pelvic size of dams with Belgian Blue calves **153:** 225-8
  plasma urea and creatinine fallibility as index of renal function in diarrhoeic calves treated with oral rehydration **154:** 35-39
  relationship between locomotion, claw lesions and nociceptive threshold in dairy heifers during peri-partum **154:** 155-61
  testosterone level changes in prepubertal bulls on different nutrition levels **153:** 341-7
  trace elements and vitamin supply to calves **153:** 221-4
  tracheolaryngostomy for laryngeal obstruction **153:** 81-6
  viral diarrhoea virus detection by PCR **153:** 287-305
  viral proteins of bovine papillomavirus type 4 in alimentary canal tumours **154:** 69-78
cell surface molecules, CLAW antibodies and **153:** 31-9
cervical uterine prolapse in ewes management **153:** 115-16 (SC)
chelating agent effect on metal excretion in sheep bile and urine **153:** 171-8
chicken, transport vibration effect on glycogen reserves **153:** 215-19
Chlamydia psittaci detection by PCR **153:** 287-305
chlamydial disease **153:** 249-51 (E)
chromosomal abnormalities in equids **153:** 235-8
claw lesions in dairy cattle **154:** 215-26
  locomotion and nociceptive threshold in dairy heifers during peri-partum **154:** 155-61
clenbuterol as repartitioning agent on beta-adrenoceptor concentrations in veal calves **153:** 63-70
clinical trial problems in veterinary science **154:** 1-3 (E), **154:** 169
closantel mechanism of action **154:** 11-34
Clostridium botulinum detection by PCR **153:** 287-305
Clostridium perfringens detection by PCR **153:** 287-305
collagen localization, type VI, in equine dyschondroplasia **154:** 53-62
COPD airway responses of horses by dry powder inhalation of ipratropium bromide **154:** 149-53
copper excretion in sheep bile and urine, chelating effect on **153:** 171-8
cornea, Lepstospira interrogans antigenic protein detection on

abamectin mechanism of action **154:** 11-34
abortion **153:** 239-44 (E)
  chlamydial **153:** 249-51 (E)
  herpesviral **153:** 253-68
  listeric **153:** 9-29
  sheep **153:** 307-10
aerosol therapy in equines **154:** 189-202
AIDS epidemiology **153:** 7-8 (E)
airway responses of horses with COPD by dry powder inhalation of ipratropium bromide **154:** 149-53
albendazole mechanism of action **154:** 11-34
aldosterone plasma levels in cats **154:** 235-42
alimentary canal tumours, viral proteins of bovine papillomavirus type 4 in **154:** 69-78
anaesthetic use in castration in lambs **153:** 205-13
analgesic effect on behavioural and cortisol response in lambs to tail docking **153:** 87-97
anthelmintic drugs mechanism of action **154:** 1-3 (E), **154:** 11-34, **154:** 169
anthrax detection by PCR **153:** 287-305
arteritis detection by PCR **153:** 287-305
arthritis encephalitis detection by PCR **153:** 287-305
auditory tube diverticulum anatomy **153:** 311-19

bacteria detection by PCR **153:** 287-305
badgers and TB **153:** 117-18 (E), **153:** 149-62
behavioural response to tail docking in lambs, analgesic effect on **153:** 87-97
benzimidazoles mechanism of action **154:** 11-34
beta-adrenoceptor concentrations in veal calves, clenbuterol effect on **153:** 63-70
betatubulin binding **154:** 11-34
bile, chelating agent effect on metal excretion in sheep **153:** 171-8
blood lymphocytes, effect of Burdizzo castration in calves **153:** 229-31
bluetongue detection by PCR **153:** 287-305
Borrelia spp. detection by PCR **153:** 287-305
bovine see cattle
brain, clenbuterol effect on beta-adrenoceptor concentrations in veal calves **153:** 63-70
brainstem auditory evoked potentials, equine **153:** 107-13
bronchi, clenbuterol effect on beta-adrenoceptor concentrations in veal calves **153:** 63-70
brotianide mechanism of action **154:** 11-34
Brucella spp. detection by PCR **153:** 287-305
buphenium mechanism of action **154:** 11-34
bupivacaine effect on behavioural and cortisol response to tail docking in lambs **153:** 87-97
Burdizzo castration
  in calves, effect on peripheral blood lymphocytes **153:** 229-31
  in lambs **153:** 205-13
butamisole mechanism of action **154:** 11-34

caesarian section, role of extradural xylazine in ovine dystocia **154:** 63-67
calcium permeability, mechanism of action of praziquantel on **154:** 11-34
calf see cattle
cambendazole mechanism of action **154:** 11-34
camel, age of male puberty **154:** 79-83
cancer, bovine papillomavirus and **154:** 171-2, **154:** 175-88
canine see dog
caprine see goat
castration, pain reduction in lambs **153:** 205-13
cat
  aldosterone plasma levels in **154:** 235-42
  herpesvirus **153:** 253-68
  infectious peritonitis virus detection by PCR **153:** 287-305
  pathophysiology and management of renal disease **154:** 93-109
cattle
  bovine papillomavirus and cancer **154:** 171-2, **154:** 175-88
  cervico-thoracic vertebral osteomyelitis in 14 calves **154:** 227-36
  claw lesions in dairy cattle **154:** 215-26
  clenbuterol effect on beta-adrenoceptor concentrations in veal calves **153:** 63-70
  costs of production diseases in dairy herds **154:** 9 (E) **154:** 41-51
  dietary zinc proteinate effect on mastitis in cows **153:** 197-204
  dimensions and weight of Belgian Blue and Crossbred calves **153:** 225-8
  dystocia **153:** 123-4 (E)
  effect of Burdizzo castration in calves on peripheral blood lymphocytes **153:** 229-31
  endotoxaemia in dairy herd **153:** 321-7
  glutamine oral rehydration for calf diarrhoea **153:** 163-70
  grazing behaviour, farm management practice and TB transmission 149-62
  herpesvirus-1 virus detection by PCR **153:** 287-305
  herpesvirus **153:** 253-68
  immunodeficiency virus detection by PCR **153:** 287-305
  pelvic size of dams with Belgian Blue calves **153:** 225-8
  plasma urea and creatinine fallibility as index of renal function in diarrhoeic calves treated with oral rehydration **154:** 35-39
  relationship between locomotion, claw lesions and nociceptive threshold in dairy heifers during peri-partum **154:** 155-61
  testosterone level changes in prepubertal bulls on different nutrition levels **153:** 341-7
  trace elements and vitamin supply to calves **153:** 221-4
  tracheolaryngostomy for laryngeal obstruction **153:** 81-6
  viral diarrhoea virus detection by PCR **153:** 287-305
  viral proteins of bovine papillomavirus type 4 in alimentary canal tumours **154:** 69-78
cell surface molecules, CLAW antibodies and **153:** 31-9
cervical uterine prolapse in ewes management **153:** 115-16 (SC)
chelating agent effect on metal excretion in sheep bile and urine **153:** 171-8
chicken, transport vibration effect on glycogen reserves **153:** 215-19
Chlamydia psittaci detection by PCR **153:** 287-305
chlamydial disease **153:** 249-51 (E)
chromosomal abnormalities in equids **153:** 235-8
claw lesions in dairy cattle **154:** 215-26
  locomotion and nociceptive threshold in dairy heifers during peri-partum **154:** 155-61
clenbuterol as repartitioning agent on beta-adrenoceptor concentrations in veal calves **153:** 63-70
clinical trial problems in veterinary science **154:** 1-3 (E), **154:** 169
closantel mechanism of action **154:** 11-34
Clostridium botulinum detection by PCR **153:** 287-305
Clostridium perfringens detection by PCR **153:** 287-305
collagen localization, type VI, in equine dyschondroplasia **154:** 53-62
COPD airway responses of horses by dry powder inhalation of ipratropium bromide **154:** 149-53
copper excretion in sheep bile and urine, chelating effect on **153:** 171-8
cornea, Lepstospira interrogans antigenic protein detection on

equine eye **153:** 75-9
cortisol response to tail docking in lambs, analgesic effect on **153:** 87-97
Coxiella burnetii detection by PCR **153:** 287-305
creatinine fallibility as index of renal function in diarrhoeic calves treated with oral rehydration **154:** 35-39
Cryptosporidium spp. detection by PCR **153:** 287-305

Dalmatian deafness **154:** 89-90 (E), **154:** 121-33
deafness, congenital, in dogs **154:** 89-90 (E), **154:** 121-33
diamphenethide mechanism of action **154:** 11-34
diarrhoea
glutamine oral rehydration for calves **153:** 163-70
plasma urea and creatinine fallibility as index of renal function in calves treated with oral rehydration **154:** 35-39
viral detection by PCR **153:** 287-305
Dichelobacter nodosus diagnosis in sheep **153:** 99-105
dichlorvos mechanism of action 154:11-34
diclofenac effect on behavioural and cortisol response to tail docking in lambs **153:** 87-97
Dictyocaulus spp. detection by PCR **153:** 287-305
dietary zinc proteinate effect on mastitis in cows **153:** 197-204
diethylcarbamazine mechanism of action **154:** 11-34
distemper detection by PCR **153:** 287-305
dog
congenital deafness **154:** 89-90 (E), **154:** 121-33
distemper virus detection by PCR **153:** 187-305
German Shepherd, haemophilia A carrier detection **153:** 71-4
heart rate measurement **153:** 179-84
herpesvirus **153:** 253-68
leucocyte antigens **153:** 31-9
parvovirus detection by PCR **153:** 287-305
pathophysiology and management of renal disease **154:** 93-109
viral detection by PCR **153:** 287-305
see also canine

donkey, Catalonian, reference ranges and effect of age and sex on haematological values **154:** 163-8 (SC)
doramectin mechanism of action **154:** 11-34
dyschondroplasia, equine, histology and type VI collagen localization **154:** 53-62
dystocia
in cattle **153:** 123-4 (E)
role of extradural xylazine in caesarian section in sheep **154:** 63-67

Echinococcus spp. detection by PCR **153:** 287-305
encephalitis
detection by PCR **153:** 287-305
listeric **153:** 9-29
endotoxaemia in dairy cattle **153:** 321-7
epidemiology **153:** 7-8 (E)
listeric 153 9-29
epizootic haemorrhagic disease virus detection by PCR **153:** 287-305
equine see horse
Escherichia coli
detection by PCR **153:** 287-305
model for study of glutamine oral rehydration for calf diarrhoea **153:** 163-70
ewe see sheep
exercise-induced pulmonary haemorrhage, role of nitric oxide **153:** 119-22 (E), **153:** 125-48

factor VIII gene DNA polymorphism study to detect haemophilia A carriers in dogs **153:** 71-4
faecal chlamydia isolation from sheep **153:** 307-10
febantel mechanism of action **154:** 11-34
feline see cat
fenbendazole mechanism of action **154:** 11-34
flubendazole mechanism of action **154:** 11-34
foot and mouth detection by PCR **153:** 287-305
foot rot
detection by PCR **153:** 287-305
diagnosis in sheep **153:** 99-105
GABA agonist mechanism of action **154:** 11-34
gas stunning pigs, welfare implications **153:** 329-40
glutamate-gated chloride receptor potentiators mechanism of action **154:** 11-34
glutamine oral rehydration for calf diarrhoea **153:** 163-70
glycogen reserves in chickens, transport vibration effect **153:** 215-19
goat
arthritis encephalitis detection by PCR **153:** 287-305
herpesvirus **153:** 253-68
guttural pouch in horse, anatomy **153:** 311-19

haematological values, reference ranges and effect of age and sex in Catalonian donkey **154:** 163-8 (SC)
haemophilia A carrier detection in dogs **153:** 71-4
haemorrhagic disease virus detection by PCR **153:** 287-305
haloxon mechanism of action **154:** 11-34
heart
clenbuterol effect on beta-adrenoceptor concentrations in veal calves **153:** 63-70
rate measurement in working dogs **153:** 179-84
Helicobacter pylori detection by PCR **153:** 287-305
herpes virus-1 detection in cattle by PCR **153:** 287-305
herpesviral abortion in domestic animals **153:** 253-68
hexachlorophene dibromsalan mechanism of action **154:** 11-34
horse
aerosol therapy **154:** 189-202
airway responses in COPD by dry powder inhalation of ipratropium bromide **154:** 149-53
brainstem auditory evoked potentials in horse and pony **153:** 107-13
equine dyschondroplasia, histology and type VI collagen localization **154:** 53-62
eye, Lepstospira interrogans antigenic protein detection **153:** 75-9
herpesvirus **153:** 253-68
detection by PCR **153:** 287-305
oxidant injury and nitric oxide, role in exercise-induced pulmonary haemorrhage **153:** 119-22 (E), **153:** 125-48
pharyngeal orifice anatomy of guttural pouch **153:** 311-19
scintigraphic lung images **153:** 49-61
thermoregulation in sick neonatal foals **153:** 185-96
viral arteritis detection by PCR **153:** 287-305
viral detection by PCR **153:** 287-305
vitamin E plasma levels related to equine motor neuron disease risk **154:** 173-4, **154:** 203-14
X chromosome abnormalities in equids **153:** 235-8

immunodeficiency virus detected by PCR **153:** 287-305
influenza detection by PCR **153:** 287-305
integrins, CLAW antibodies and **153:** 31-9
ipratropium bromide, airway responses of horses with COPD by dry powder inhalation of **154:** 149-53
iron excretion in sheep bile and urine, chelating effect on **153:** 171-8
ivermectin mechanism of action **154:** 11-34

kidney
disease, pathophysiology and management **154:** 93-109
function indices fallibility in diarrhoeic calves treated with oral rehydration **154:** 35-39

lamb see sheep
laryngeal obstruction in cattle tacheolaryngostomy for **153:** 81-6
Leishmania spp. detection by PCR **153:** 287-305
lens, Lepstospira interrogans antigenic protein detection in equine eye **153:** 75-9
Lepstospira interrogans antigenic protein detection in equine eye **153:** 75-9
leptospirosis detection by PCR **153:** 187-305
leucocyte
adhesions deficiency, canine **153:** 31-9
antigens, canine **153:** 31-9
levamisole mechanism of action **154:** 11-34
lignocaine management of cervical and rectal prolapse in ewes **153:** 115-16 (SC)
Listeria monocytogenes
detection by PCR **153:** 287-305
review **153:** 9-29
listeriosis **153:** 3-5 (E), **153:** 9-29
locomotion, claw lesions and nociceptive threshold relationships in diary heifers during peri-partum **154:** 155-61
louping-ill detection by PCR **153:** 287-305
lung images, equine scintigraphic **153:** 49-61

major histocompatibility antigens, CLAW antibodies and **153:** 31-9
mastitis in cows, dietary zinc proteinate effect on **153:** 197-204
meat inspection **154:** 90-91 (E) **154:** 135-47
mebendazole mechanism of action **154:** 11-34
microtubule formation inhibition, mechanism of action of drugs **154:** 11-34
milbemycin D mechanism of action **154:** 11-34
molecular biology and paratuberculosis **153:** 235-7 (E), **153:** 269-86
morantel mechanism of action **154:** 11-34
Morbillivirus detection by PCR **153:** 287-305
motor neuron disease risk in horses, plasma levels of vitamin E and **154:** 173-4, **154:** 203-14
moxidectin mechanism of action **154:** 11-34
Mycobacterium spp.
detection by PCR **153:** 287-305
M. avium spp. Tuberculosis and molecular biology **153:** 245-7 (E), **153:** 269-85
Mycoplasma spp. detection by PCR **153:** 287-305

netobimin mechanism of action **154:** 11-34
niclopholan mechanism of action **154:** 11-34
niclosamide mechanism of action **154:** 11-34
nicotinic agonists anthelmintics mechanism of action **154:** 11-34
nitric oxide, role in exercise-induced pulmonary haemorrhage **153:** 119-22 (E), **153:** 125-48
nitroxynil mechanism of action **154:** 11-34
nociceptive threshold, locomotion and claw lesions in dairy heifers during peri-partum **154:** 155-61
nutrition, testosterone level changes in prepubertal bulls on different levels of **153:** 341-7

organophosphorus cholinesterase inhibitors mechanism of action **154:** 11-34
Ostertagia circumcincta resistance in lambs **154:** 111-19
Osteomyelitis, cervico-thoracic vertebral, in 14 calves **154:** 227-36
ovine see sheep
oxantel mechanism of action **154:** 11-34
oxfendazole mechanism of action **154:** 11-34
oxibendazole mechanism of action **154:** 11-34
oxidant injury and nitric oxide, role in exercise-induced pulmonary haemorrhage **153:** 119-22 (E), **153:** 125-48
oxyclozainide mechanism of action **154:** 11-34

pain reduction in lambs at castration **153:** 205-13
papillomavirus, bovine
cancer and **154:** 171-2, **154:** 175-88
type 4, viral proteins in alimentary canal tumours **154:** 69-78
parasite
detection by PCR **153:** 287-305
Ostertagia circumcincta resistance in lambs **154:** 111-19
paratuberculosis and molecular biology **153:** 245-7 (E), **153:** 269-86
parbendazole mechanism of action **154:** 11-34
parvovirus detection by PCR **153:** 287-305
pathogen detection by PCR **153:** 287-305
PCR for pathogen detection **153:** 287-305
peritonitis virus detection by PCR **153:** 287-305
pharyngeal orifice anatomy of equine guttural pouch **153:** 311-19
phosphoglycerate kinase and mutase inhibition, mechanism of action **154:** 11-34
pig
herpesvirus **153:** 253-68
influenza detection by PCR **153:** 287-305
parvovirus detection by PCR **153:** 287-305
reproductive and respiratory syndrome detection by PCR **153:** 287-305
welfare implications of gas stunning **153:** 329-40
piperazine mechanism of action **154:** 11-34
plasma urea fallibility as index of renal function in diarrhoeic calves treated with oral rehydration **154:** 35-39
Polar Sport Tester **153:** 179-84
pony see horse
poultry viral detection by PCR **153:** 287-305
praziquentel mechanism of action **154:** 11-34
pregnancy loss see abortion
proton ionophores, mechanism of action **154:** 11-34
pseudorabies virus detection by PCR **153:** 287-305
puberty in male camels **154:** 79-83
pulmonary haemorrhage, exercise-induced, role of nitric oxide **153:** 119-22 (E), **153:** 125-48
pyrantel mechanism of action **154:** 11-34

rabies detection by PCR **153:** 287-305
rafoxanide mechanism of action **154:** 11-34
rectal uterine prolapse in ewes management **153:** 115-16 (SC)
rehydration of diarrhoeic calves, plasma urea and creatinine fallibility as indices of renal function in **154:** 35-39
renal see kidney
reproductive and respiratory syndrome detection by PCR **153:** 287-305
respiratory disorders in equines, aerosol therapy **154:** 189-202
restriction fragment length polymorphism diagnosis of haemophilia A carrier state in dogs **153:** 71-4
reticulorumen stasis **153:** 321-7
rinderpest detection by PCR **153:** 287-305
rumen bolus supply of trace elements and vitamins to calves **153:** 221-4

salicylanides mechanism of action **154:** 11-34
salmonella detection by PCR **153:** 287-305
Salmonella dublin **154:** 227-36

scintigraphic lung images, equine **153:** 49-61
septicaemia, listeric **153:** 9-29
sheep
behavioural and cortisol response to tail docking in lambs, analgesic effect on **153:** 87-97
cervical or rectal prolapse management **153:** 115-16 (SC)
chelating agent effect on metal excretion in bile and urine **153:** 171-8
dystocia, role of extradural xylazine in caesarian section **154:** 63-67
faecal chlamydia isolation **153:** 307-10
foot rot detection by PCR **153:** 287-305
diagnosis **153:** 99-105
Ostertagia circumcincta resistance in lambs **154:** 111-19
pain reduction in lambs at castration **153:** 205-13
viral detection by PCR **153:** 287-305
Spanish sheep encephalitis detection by PCR **153:** 287-305
Staphylococcus detection by PCR **153:** 287-305
substituted phenols, mechanism of action **154:** 11-34
suid see pig

T helper cell, CLAW antibodies and **153:** 31-9
Taenia spp. detection by PCR **153:** 287-305
tail docking in lambs, analgesic effect on **153:** 87-97
testosterone level changes in prepubertal bulls on different nutrition levels **153:** 341-7
thenium mechanism of action **154:** 11-34
thermoregulation in sick neonatal foals **153:** 185-96
thiabendazole mechanism of action **154:** 11-34
thiophanate mechanism of action **154:** 11-34
Toxoplasma spp. detection by PCR **153:** 287-305
trace elements supply to calves **153:** 221-4
tracheolaryngostomy for laryngeal obstruction in cattle **153:** 81-6
transport vibration effect on glycogen reserves in chickens **153:** 215-19
Trichinella spp. detection by PCR **153:** 287-305
triclabendazole mechanism of action **154:** 11-34
Trypanosoma spp. detection by PCR **153:** 287-305
tuberculosis and badgers **153:** 117-18 (E), **153:** 149-62
Turkish sheep encephalitis detection by PCR **153:** 287-305

urine chelating agent effect on metal excretion in sheep **153:** 171-8

vaccinations programme design **153:** 41-7
veal see cattle
vibration effect during transport on glycogen reserves in chickens **153:** 215-19
viral detection by PCR **153:** 287-305
viral proteins of bovine papillomavirus type 4 in alimentary canal tumours **154:** 69-78
vitamin E plasma levels related to equine motor neuron disease risk **154:** 173-4, **154:** 203-14
vitamin supply to calves **153:** 221-4

welfare implications of gas stunning in pigs **153:** 329-40
whole chromosome paint probe **153:** 235-8

xylazine
extradural, for caesarian section in ovine dystocia **154:** 63-67
management of cervical and rectal prolapse in ewes **153:** 115-16 (SC)

Yersinia enterocolitica detection by PCR **153:** 287-305

zinc
excretion in sheep bile and urine, chelating effect on **153:** 171-8
proteinate in diet effect on mastitis in cows **153:** 197-204

Abdel Rahim SEA **154:** 79-83
Aitchison K 53: 197-204
Allen GP **153:** 239-44 (E)
Allen WR **153:** 235-8
Anderson RA **154:** 69-78
Art T **153:** 49-61, **154:** 149-53

Badino P **153:** 63-70
Bairden K **154:** 111-19
Baptiste K **153:** 311-19
Barsanti JA **154:** 93-109
Binns MM **153:** 235-8
Bishop SC **154:** 111-19
Bowden DK **153:** 71-4
Breen M **153:** 235-8
Brooks HW **153:** 163-70, **154:** 35-39
Brown CA **154:** 93-109
Brown SA **154:** 93-109
Brown SN **153:** 215-19
Buitkamp J **154:** 111-19
Bundy AP **153:** 41-7

Campo MS **154:** 69-78
Carter NP **153:** 235-8
Christensen DA **153:** 171-8
Clark P **153:** 71-4
Clarke CJ **153:** 235-7 (E)
Clarkson MJ **153:** 307-10
Crossman PJ **154:** 9 (E)
Crowell WA **154:** 93-109
Cuenca R **154:** 163-8 (SC)
Cummings JF **154:** 203-14

Davies ME **154:** 53-62
Dawuda PM **153:** 341-7
De la Ru-a-Dome-nech R **154:** 203-14
De Lahunta A **154:** 203-14
Derksen FJ **153:** 119-22
Divers TJ **154:** 203-14
Doherty ML **154:** 227-36
Donachie W **153:** 9-29
Duggan JA **153:** 215-19
Duncan JL **154:** 111-19
Duvivier DH **154:** 149-53, **154:** 189-202
Duvivier H **153:** 49-61

Eades SC **153:** 321-7
Eayres HF **153:** 197-204
Edwards DS **154:** 135-47
Edwards JE **153:** 215-19
Esslemont RJ **154:** 41-51

Finco DR **154:** 93-109
Fischer PE **153:** 235-8
Folch P **154:** 163-8 (SC)

Gerstenberg C **153:** 235-8
Gessert ME **153:** 115-16 (SC), **154:** 63-67
Gettinby G **154:** 111-19
Girardi C **153:** 63-70
Gleadhill A **154:** 35-39
Gooneratne SR **153:** 171-8
Graham MJ **153:** 87-97, **153:** 205-13
Green LE **154:** 91-2 (E)
Grindlay GJ **154:** 69-78

Hahn GN **154:** 173-4 (E)
Harris S **153:** 149-62
Haydon DT **153:** 41-7
Healey AM **154:** 227-36
Hemingway RG **153:** 221-4
Henson FMD **154:** 53-62
Higgins AJ **153:** 117-18, **153:** 125-48, **154:** 1-3 (E) **154:** 169
Hinton MH **154:** 91-2 (E)
Hosie BD **153:** 205-13
Hutchings MR **153:** 149-62

Jeffcott LB **154:** 53-62
Johnson SP **153:** 329-40
Johnston AM **154:** 135-47
Jones GE **153:** 249-51 (E)
Jordana J **154:** 163-8 (SC)

Kelly JM **153:** 197-204
Kempson SA **154:** 215-26
Kent JE **153:** 87-97, **153:** 205-13
Knowles TG **153:** 215-19
Kossaibati MA **154:** 41-51

Lakhani KH **154:** 121-33
Langford CF **153:** 235-8
Leach KA **154:** 215-26
Leahy RA **153:** 179-84
Lear TL **153:** 235-8
Lekeux P **153:** 49-61, **154:** 149-53, **154:** 189-202
Liu D **153:** 99-105
Logue DN **154:** 215-26
Low JC **153:** 9-29
Lucchesi PM **153:** 75-9

Marti E **153:** 235-8
Martin RJ **154:** 11-34
Mayhew IG **153:** 107-13, **154:** 173-4 (E)
Mazzonelli J **153:** 75-9
McAllister H **154:** 227-36
McArthur AJ **153:** 185-96
McInstry JL **153:** 329-40
McKellar QA **154:** 111-19
McLauchlin J **153:** 3-5 (E)
Mead GC **154:** 135-47
Michell AR **153:** 163-70, **154:** 35-39
Mills PC **153:** 125-48
Mohammed HO **154:** 203-14
Molony V **153:** 87-97, 205-13
Monaghan ML **153:** 227-36
Morris JG **154:** 235-42
Murata H **153:** 229-31
Murray M **154:** 111-19

Novelli A **153:** 63-70

O'Neil BW **154:** 69-78
Offer JE **154:** 215-26
Onions D **154:** 171-2 (E)
Ousey JC **153:** 185-96
Oyedipe EO **153:** 341-7

Park M **154:** 111-19
Parkins JJ **153:** 221-4, **154:** 111-19
Parma AE **153:** 75-9
Parry BW **153:** 71-4
Petrucelli MA **153:** 75-9
Philips HL **153:** 307-10
Prichard R **154:** 5-7 (E)

Raj ABM **153:** 329-40
Randall JM **154:** 215-26
Re G **153:** 63-70
Reid SWJ **154:** 111-19
Rekwot PI **153:** 341-7
Ritchie NS **153:** 221-4
Rodriguez JM **153:** 287-305
Rossdale PD **153:** 185-96

Sanz ME **153:** 75-9
Saveria Campo M **154:** 175-88
Scobie L **154:** 69-78
Scott PR **153:** 115-16 (SC), **154:** 63-67
Sekoni VO **153:** 341-7
Sharp JM **153:** 269-86
Smith KC **153:** 253-68
Stear MJ **154:** 111-19
Stevenson K **153:** 269-86
Strain S **154:** 111-19
Summers BA **154:** 203-14

Ternent HE **154:** 215-26
Townsend HGG **154:** 89-90 (E)

Vandenput S **153:** 49-61, **154:** 149-53 **154:** 189-202
Vincent IC **153:** 179-84
Votion D **153:** 49-61, **154:** 149-53, **154:** 189-202

Wagstaff AJ **153:** 163-70, **154:** 35-39
Warriss PD **153:** 215-19
Washbourne JR **153:** 107-13
Waterman AE **154:** 155-61
Webster AJF **154:** 155-61
West HJ **153:** 81-6, **153:** 225-8
Whay HR **154:** 155-61
Whitaker DA **153:** 197-204
White DG **153:** 163-70
Wilesmith JW **153:** 7-8 (E)
Williams DL 153 31-9
Wood JLN **154:** 121-33
Woolhouse MEJ **153:** 41-7
Wotton SB **153:** 329-40

Yong WK **153:** 99-105
Yu S **154:** 235-42